

CUSTOMER NO.: 24498
Serial No. 09/898,150
Response to Office Action dated 8/24/07
Response dated: 12/21/07

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Amendments to the Claims

Please amend claims 22-23, 25, 31, 33 and 38 as follows:

1-21 (Cancelled)

22. (Currently Amended) A method for reducing an initialization time of an apparatus for reading from an optical recording medium, said optical recording medium having identification data which enables the identification of the optical recording medium individually among at least optical recording media of the same type, the method comprising:

detecting, from an optical recording medium inserted into said apparatus, the identification data of the optical recording medium to identify the optical recording medium;

determining if adjustment parameter values ~~associated with tracking or focus control for reading from the identified optical recording medium~~ selected from focus gain, focus offset, track gain, track offset, and HF gain are accessibly stored for said apparatus;

in response to identifying ~~that the stored~~ adjustment parameter values are accessibly stored for said apparatus, setting tracking or focus control and regulating circuits of said apparatus in accordance with the stored adjustment values; and

in response to determining that the adjustment parameter values ~~for said apparatus~~ are not accessibly stored, initializing said apparatus to determine respective adjustment parameter values selected from focus gain, focus offset, track gain, track offset, and HF gain ~~for the tracking or focus control and regulating circuits of said apparatus~~ such that said apparatus is able to optimally read from the identified optical recording medium, and respectively storing said determined adjustment parameter values for said apparatus and the corresponding identification data of said identified optical recording medium;

wherein the content of a burst cutting area data area on the recording medium is used as the identification data;

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wherein detecting the identification data comprises coarsely focusing an objective lens of the apparatus and displacing an optical scanner of the apparatus into a position which is predetermined for the burst cutting area data area; and wherein the identification data is detected without track regulation.

23. (Currently Amended) The method of claim 22, wherein the adjustment parameter values for said apparatus are stored in a storage means of said apparatus.

24. (Previously Presented) The method of claim 23, wherein said storage means comprises a non-volatile memory.

25. (Currently Amended) The method of claim 22, wherein the adjustment parameter values for said apparatus are stored in an external storage means accessible by said apparatus.

26. (Cancelled)

27. (Previously Presented) The method of claim 22, wherein the identification data of the optical recording media comprises first data identifying said optical recording medium as one of a plurality of recording types and second data specific to only the respective optical recording medium.

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Currently Amended) An apparatus for reading from an optical recording medium and having a reduced initialization time, said optical recording medium having identification data which enables the identification of the optical recording

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medium individually among at least optical recording media of the same type, the apparatus comprising:

a detection means for detecting, from an optical recording medium inserted into said apparatus, the identification data of the optical recording medium for identifying the optical recording medium;

a control means adapted to perform the steps of:

determining if adjustment parameter values selected from focus gain, focus offset, track gain, track offset, and HF gain associated with tracking or focus control during reading from the identified optical recording medium are accessibly stored for said apparatus;

in response to identifying that the stored adjustment parameter values are stored for said apparatus, setting tracking or focus control and regulating circuits of said apparatus in accordance with the stored adjustment parameter values; and

in response to determining that the adjustment parameter values for said apparatus are not accessibly stored, initializing said apparatus to determine respective adjustment parameter values selected from focus gain, focus offset, track gain, track offset, and HF gain for the control and regulating circuits of said apparatus such that said apparatus is able to optimally read from the identified optical recording medium, and respectively storing said determined adjustment parameter values for said apparatus and the corresponding identification data of said identified optical recording medium;

wherein the content of a burst cutting area data area on the recording medium is used as the identification data; and

wherein said detection means is adapted to coarsely focus an objective lens of the apparatus, to displace an optical scanner of the apparatus into a position which is predetermined for the burst cutting area data area, and to detect the identification data without track regulation.

32. (Previously Presented) The apparatus of claim 31, wherein said detection means comprises a read means.

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33. (Currently Amended) The apparatus of claim 31, further comprising a storage means for storing at least said determined adjustment parameter values for said apparatus.
34. (Previously Presented) The apparatus of claim 33, wherein said storage means comprises a non-volatile memory.
35. (Previously Presented) The apparatus of claim 33, wherein said storage means comprises at least one of a non-volatile memory of the apparatus and a non-volatile data carrier provided externally to the apparatus.
36. (Cancelled)
37. (Previously Presented) The apparatus of claim 31, wherein the optical recording media comprise DVD-ROM discs.
38. (Currently Amended) A method for achieving read readiness on an optical disc medium, said method comprising the steps of:
- a) detecting on said disc medium content of a burst cutting area data area as identification data specific only to said disc medium;
 - b) determining the presence or absence of stored adjustment parameter values selected from focus gain, focus offset, track gain, track offset, and HF gain, ~~associated with tracking or focus control during reading from said optical disc medium~~ associated with said identification data specific only to said disc medium;
 - c) ~~when~~ in case of the presence of the stored adjustment parameter values ~~are present~~, using said stored adjustment parameter values for reading from said optical disc medium; and
 - d) ~~when~~ in case of the absence of the stored adjustment values ~~are absent~~, determining optimal adjustment parameter values of the adjustment parameters selected from focus gain, focus offset, track gain, track offset, and HF gain ~~for tracking or focus during reading from said optical disc medium;~~

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wherein detecting the identification data comprises coarsely focusing an objective lens of the apparatus and displacing an optical scanner of the apparatus into a position which is predetermined for the burst cutting area data area; and wherein the identification data is detected without track regulation.

39. (Cancelled)

40. (Cancelled)